AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1-3. Cancelled

4. (Currently amended) [~~A~~] An isolated DNA molecule [~~of claim 1~~] that encodes a naturally occurring glyphosate resistant plant-derived EPSPS enzyme, wherein the glyphosate resistant EPSPS enzyme has a K_m for phosphoenolpyruvate (PEP) of less than 10μM, and wherein said naturally occurring glyphosate resistant EPSPS enzyme is modified by a substitution or a deletion of at least one amino acid in a catalytic domain.

5. (Original) A DNA molecule of claim 4, wherein said substitution is selected from the group consisting of glycine to alanine 102 and threonine to isoleucine 103 of SEQ ID NO:7.

6-23. Cancelled

24. (Currently amended) [~~A~~] An isolated DNA molecule comprising the promoter region located 5' to [~~the~~] a DNA molecule [~~of claim 3~~] that encodes a naturally occurring glyphosate resistant *Eleusine* species-derived EPSPS enzyme.

25. (Currently amended) [~~A~~] An isolated DNA molecule comprising the chloroplast transit peptide coding region located 5' to [~~the~~] a DNA molecule [~~of claim 3~~] that encodes a naturally occurring glyphosate resistant EPSPS enzyme derived from *Eleusine sp.*

26. Cancelled